

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application. Please add new claims 17-20 as follows:

LISTING OF CLAIMS:

1. (Original) An image processor which processes input data and outputs the processed data to an image output device comprising:
 - a first converter which converts the input data to output data by processing the input data according to data type; and
 - a detector which detects a specified pattern in the data after converted by said first converter, wherein all the data converted by said first converter passes said detector.
2. (Original) The image processor according to claim 1, further comprising a controller which controls the output of the data converted by said first converter according to a result of the detection by said detector.
3. (Original) The image processor according to claim 1, wherein said first converter converts the input data to bit map data to be outputted.
4. (Original) The image processor according to claim 3, wherein when the input data is a vector data, said first converter converts the vector data to bit map data by calculation on the vector data and when the input data is a text data, said first converter converts the text data to bit map data with reference to font data.

5. (Original) The image processor according to claim 1, further comprising an image combiner which combines the data converted by said first converter according to data type to generate an image data, wherein said detector detects the specified pattern in the image data generated by said image combiner.

6. (Original) The image processor according to claim 1, further comprising a second converter which converts the data converted by said first converter according to data type to data of output colors of an image output device, wherein said detector detects the specified pattern in the data which has been converted by said second converter.

7. (Original) The image processor according to claim 1, wherein said first converter and said detector are incorporated in a driver for an image output device.

8. (Original) A print system having an image processor which processes data and a printer which prints data received from said image processor, comprising:

a first converter which converts the input data to output data by processing the input data according to data type; and

a detector which detects a specified pattern in the data after converted by said first converter, wherein all the data converted by said first converter passes said detector.

9. (Original) The print system according to claim 8, wherein said first converter converts the input data to bit map data to be outputted.

10. (Original) The print system according to claim 9, wherein when the input data is a vector data, said first converter converts the vector data to bit map data by calculation on the vector data and when the input data is a text data, said first converter converts the text data to bit map data with reference to font data.

11. (Original) The print system according to claim 8, further comprising an image combiner which combines the data converted by said first converter according to data type to generate an image data, wherein said detector detects the specified pattern in the data generated by said image combiner.

12. (Original) The print system according to claim 8, further comprising a second converter which converts the data converted by said first converter according to data type to data of output colors of an image output device, wherein said detector detects the specified pattern in the data which has been converted by said second converter.

13. (Original) The print system according to claim 8, wherein said image processor comprising a printer driver, and said first converter and said detector are incorporated in said printer driver.

14. (Original) The print system according to claim 8, wherein said printer comprises a printer controller which controls said printer, and said first converter and said detector are incorporated in said printer controller.

15. (Original) A method of image processing which processes input data and outputs the processed data to an image output device, comprising the steps of:

converting the input data to output data by processing the input data according to data type; and

detecting a specified pattern in the converted data, wherein all the converted data is detected.

16. (Original) A storage medium storing a computer-executable program comprising the steps of:

converting input data to output data by processing the input data according to data type; and

detecting a specified pattern in the converted data, wherein all the converted data is detected.

17. (New) The image processor according to claim 1, wherein said first converter includes a vector data processor, a text data processor and a bit map data processor.

18. (New) The image processor according to claim 1, wherein said first converter includes a plurality of types of processors for converting the input data according to the data type.

19. (New) The print system according to claim 8, wherein said first converter includes a vector data processor, a text data processor and a bit map data processor.

20. (New) The print system according to claim 8, wherein said first converter includes a plurality of types of processors for converting the input data according to the data type.